

Energous Corporation

Battery-Free IoT Infrastructure

The Only Wireless Power Network Enabling Battery-Free, Real-Time IoT at Enterprise Scale

4,000+

Active Locations

56,000+

PowerBridges Shipped

300+

Patents

Zero

Product Returns

August 2026



energous®

WIRELESS POWER SOLUTIONS

Forward Looking Statements

This presentation contains “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, that are intended to be covered by the “safe harbor” created by those sections, including statements regarding our future performance, ability to enter into future partnerships, future portfolio and ability to obtain future regulatory approval.

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This presentation includes certain financial measures not presented in accordance with generally accepted accounting principles in the United States (“GAAP”), which are used by management in making operating decisions, allocating financial resources, and internal planning, and forecasting, and for business strategy purposes, have certain limitations, and should not be construed as alternatives to financial measures determined in accordance with GAAP.

Enabling Ambient IoT at Enterprise Scale

What is Ambient IoT?

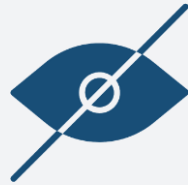
Ambient IoT connects everyday assets and environments to the cloud through low-power/battery-free sensors.

These sensors generate real-time data, enabling automation, AI-driven insights, and full operational visibility across physical environments.



The Challenge Today

Current solutions fall short:



Limited
Visibility



High
Maintenance



Not Scalable

None provide scalable, continuous real-time visibility.

The Energon Solution



- Battery-Free Sensors
- Wireless Power
- Real-Time Data
- Enterprise Scale
- Full Automation & Visibility

Reliable AI requires reliable data at the physical level.
Energon infrastructure enables continuous data streams for next-generation AI analytics.

Positioned Across Multiple Large IoT Markets with Active Deployments

Multiple entry points across Bluetooth, IoT sensors, RFID, and Ambient IoT markets

Bluetooth/BLE Ecosystem

8B devices by 2029

5.3B → 8B

IoT Sensors Market

\$101.6B by 2032

RFID Tags Market

\$15.6B (2025)

52.8B chips shipped (2024)

Ambient IoT

1.1B shipments by 2030

Our Beachhead Markets:

Retail: Inventory visibility (4,000+ locations today)

Cold Chain: Food & pharma distribution (1 QSR and 3 National Grocers)

Logistics & Manufacturing: Asset tracking (U.S. and expanding internationally)

BLE replacing RFID at 5-10x lower TCO • Ambient IoT at inflection point • Regulatory mandates accelerating adoption

Sources: Bluetooth SIG, Fortune Business Insights, IDTechEx, ABI Research

Energous End-to-End Solution: Recurring Revenue Model

End-to-End Solution Drives Recurring Revenue Stream

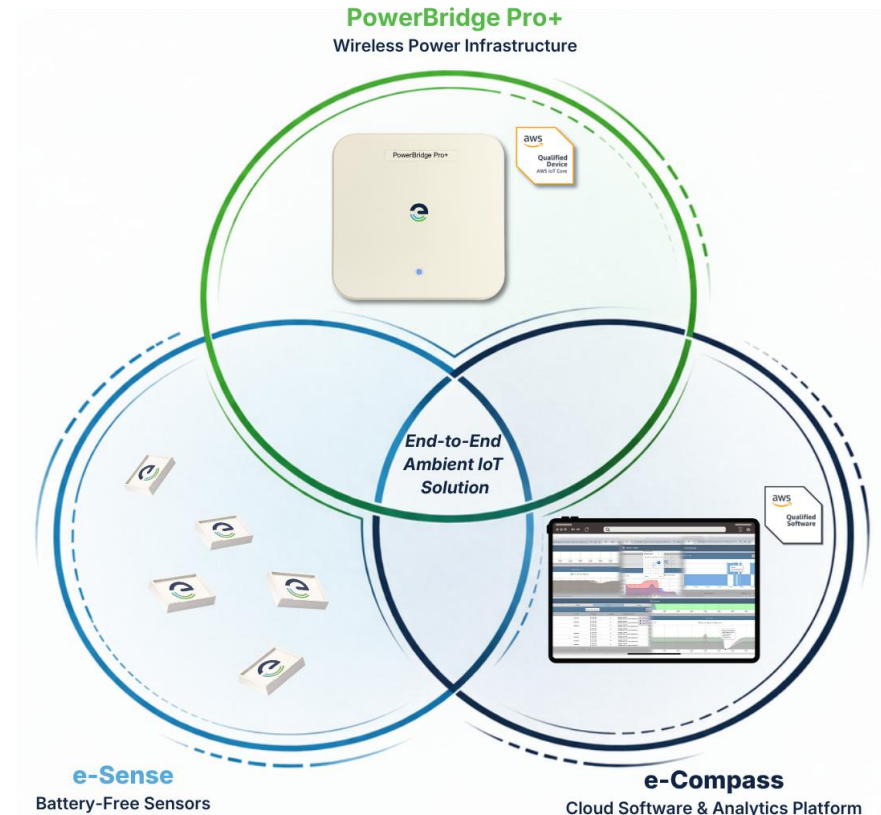
- Revenue generated through bundled sales of PowerBridge PRO+ transmitters, e-Sense tags, and e-Compass software

Subscription-Based Model

- Software and platform services delivered via subscription
- Contracts auto-renew annually, creating predictable revenue stream

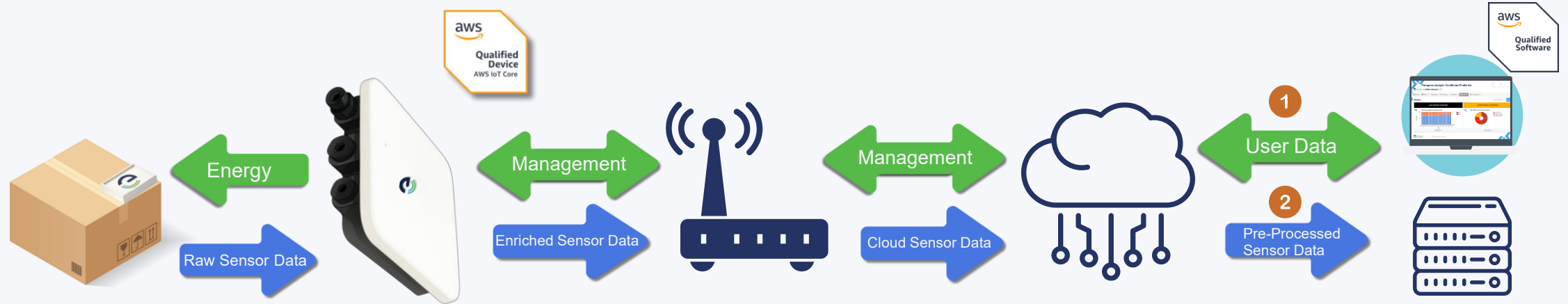
Scalable Growth

- Revenue becomes increasingly predictable with higher margins after initial deployment (typically by Year 2)
- Revenue compounds as deployments scale across enterprise environments



Energous Solution: Transforming the Physical Layer into a Digital Twin

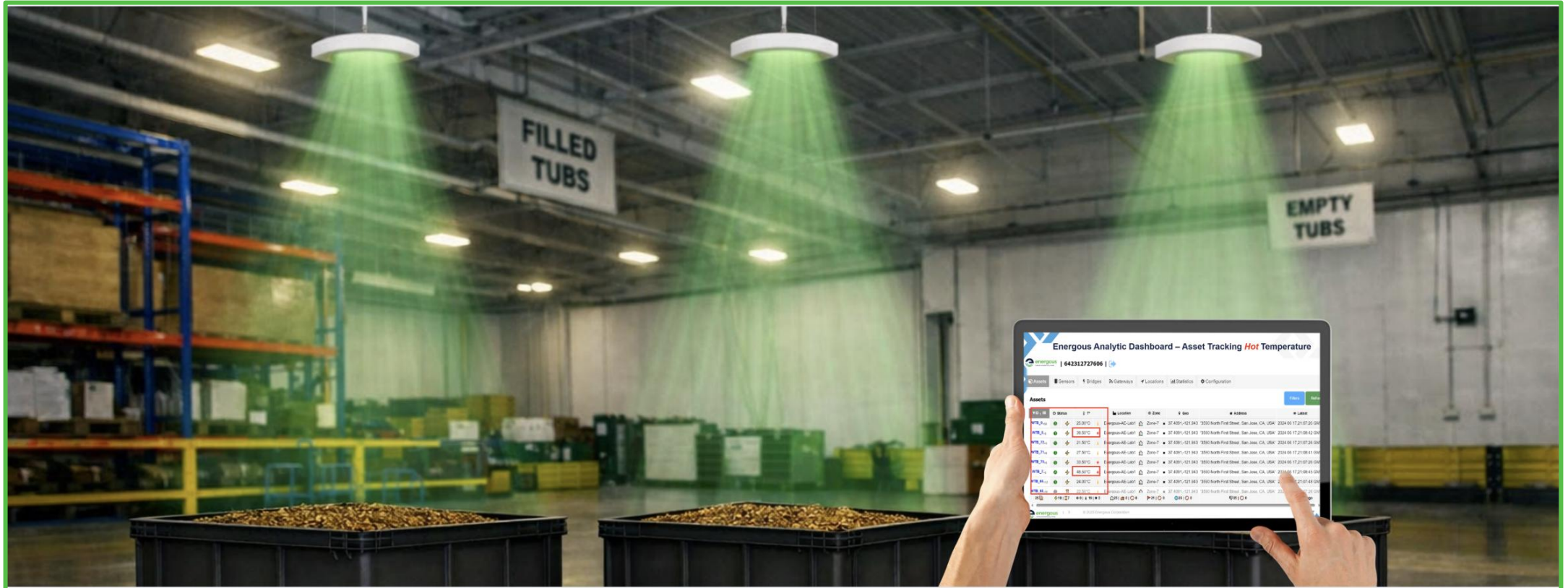
Powering the infrastructure layer that makes battery-free IoT viable at enterprise scale.



Key Differentiators:

- Deterministic Power Zones: Engineered, guaranteed coverage versus passive ambient harvesting
- End-to-End Platform: Sensors + infrastructure + optional cloud
- One vendor: streamlined operation, improved security, and cost competitive

Energous End-to-End Solution in Action



- High accuracy zone-based asset tracking
- Real-time monitoring
- Temperature and humidity monitoring

- Validation from origin to last mile
- Network device management
- Real-time events for 3rd party integration

Enterprises Need Real-Time Visibility — Without the Battery Burden

Enterprises already invest in item-level tracking, but battery-powered IoT creates cost, maintenance, and reliability challenges. Energous eliminates battery dependency to enable scalable, continuous visibility.

Cold Chain Waste

1.05 billion metric tons of food waste annually.

Challenge: Battery sensors fail during handoffs, creating data gaps & compliance risk.

Solution: National grocery distributors and QSR use Energous battery-free sensors for continuous monitoring.

Impact: Continuous, uninterrupted data across the supply chain enables automated compliance, reduces spoilage, and eliminates manual checks.

Inventory Blind Spots

\$1.73 trillion lost annually from inventory distortion globally.

Challenge: Battery RFID requires scanning. Stockouts and overstocks.

Solution: Fortune 10 retailers deployed our infrastructure across 4,000+ locations globally, providing continuous visibility.

Impact: Up to 99% inventory accuracy. Eliminated manual cycle counts.

Battery Maintenance

Battery replacement for 10K devices can exceed \$6M in labor over 5 years.

Challenge: Unpredictable battery life drives ongoing labor, downtime, and compliance risk.

Solution: Energous wireless power eliminates battery replacement — enabling fully maintenance-free operation.

Impact: Reduces total cost of ownership by millions while enabling continuous, reliable operation at scale.

Sources: UNEP Food Waste Index Report 2024, IHL Group, QOI Tech

The Future of Supply Chain

Ambient IoT transforms supply chains from tracking to always-on intelligence

From Event-Based Tracking to Continuous Intelligence

Ambient IoT real-time data powers AI software models and enables real-time insights into location, predictability, movement, condition, ownership, and compliance.

Labor Efficiency & Automation

By automating data collection and discrepancy resolution, ambient IoT frees supply chain workers (associates, managers, store teams) to focus on higher-value tasks.

Enterprise Performance Advantage

Continuous visibility enables faster inventory turns, reduced shrink, regulatory data tracking, and improved demand forecasting accuracy.

The Emerging Enterprise Standard

Battery-free ambient IoT aligns with emerging global regulatory, ESG, and compliance mandates — establishing infrastructure-level standards for enterprise deployment.

Energous Wireless Power Solutions makes this vision possible by powering ambient IoT sensors continuously & reliably at enterprise scale.

Ambient IoT is Scaling — And Energos Powers It



Converging market demand, regulatory momentum, and enterprise adoption positions Energos as the leader of the growing ambient IoT market.

Market Acceleration

- Real-Time Data Powers AI
- More Data = More Intelligence

Enables:

- Predictive Logistics
- Cold Chain Monitoring & Compliance
- Inventory Automation

Regulatory Leadership

- UK+EU+FCC 1W & 2W Over-the-Air Certifications
- Technology Certifications in 110+ Countries
- EU 2023/1542 Battery Regulation Alignment
- ESG & Compliance-Ready Infrastructure

Commercial Proof

4,000+

Active Locations

QSR and National Grocery
Partners

56,000+

PowerBridges Shipped

Item-Level Logistics Visibility

Zero

Product Returns

21 International Deployments

PowerBridge: Enterprise Wireless Power Infrastructure

Technical Specifications

- ✓ FCC 2W over-the-air certification (Industry First)
- ✓ RF component expertise on both system and semiconductor
- ✓ 8W EIRP transmission capability
- ✓ 50+ foot range per transmitter
- ✓ One-to-many device charging within line of sight
- ✓ Sensor agnostic architecture
- ✓ AWS native cloud integration
- ✓ Deterministic power zones (engineered coverage)
- ✓ Up to 99% uptime
- ✓ -30°C Cold Chain operability

PowerBridge PRO+ (NEW)

High-power Transmitter with Gateway

- 8W EIRP / 2W conductive output
- All-in-one wireless power and Bluetooth gateway
- Supports multi-zone asset, inventory, and environmental monitoring
- FCC Certified



PowerBridge PRO

High-power Transmitter

- 8W EIRP / 2W conductive output
- Up to 50 ft range
- Built for multi-zone asset and inventory tracking
- IP67 Rated
- FCC+EU+UK Certified



e-Sense Tag

Battery-free Sensor

- Battery-free, maintenance-free operation
- Real-time temperature and location data
- Built for supply chain, cold chain, and inventory tracking
- Reusable and full IP67 rated



e-Compass

Operational Intelligence Platform

- Secure, cloud-based deployment management
- Gateway onboarding and zone configuration
- Real-time monitoring, analytics, and historical reporting



Unlike passive ambient harvesting, Energos creates engineered, deterministic power zones — ensuring predictable device uptime and continuous data flow.

Why Energous Wins: We've Pioneered the Infrastructure

Energous delivers the wireless power infrastructure that makes enterprise-scale deployment reliable and manageable.

	Legacy RFID	Battery-Powered IoT	Ambient Harvesting	Energous
Power Source	Passive (reader only)	Batteries	Ambient RF	Active Wireless Power Network
Data Frequency	On-demand scan	Periodic	Variable and not reliable	Real-time continuous
Coverage	Line-of-sight	Anywhere (until battery dies)	High RF areas only	Engineered zones
Maintenance	Reader infrastructure	Frequent swaps	None (but unreliable)	None (and reliable)
Reliability	Scan-dependent (periodic data)	90-95% (not real-time)	70-85%	Up to 99%
Infrastructure Control	Reader suppliers	N/A	N/A (ambient dependent, tags don't harvest enough energy to push data)	Energous owns network & hardware/semiconductors

At our power output, competitors are in labs—we're in Fortune 10 warehouses.

Energous PowerBridge Recognized for Multiple Q2 Awards



Strategic Partner Ecosystem

Strategic partnerships accelerating enterprise adoption and commercial scale

Cloud & Platform

Amazon Web Services (AWS)

- AWS ISV Accelerate partner
- AWS Partner Page: 50+ posted deal launches as of August 13, 2026
- Active co-selling with AWS account teams
- Pre-qualified vendor status
- Accelerated enterprise sales cycles

Enterprise Customers

Retail, Manufacturing & Logistics

- 4,000+ retail & fulfillment locations (U.S.)
- 3 national grocery distributors
- 21 international markets
- Multi-phase deployment expansions
- Reference customer pipeline
- 1 QSR cold chain deployment

Target Partnerships

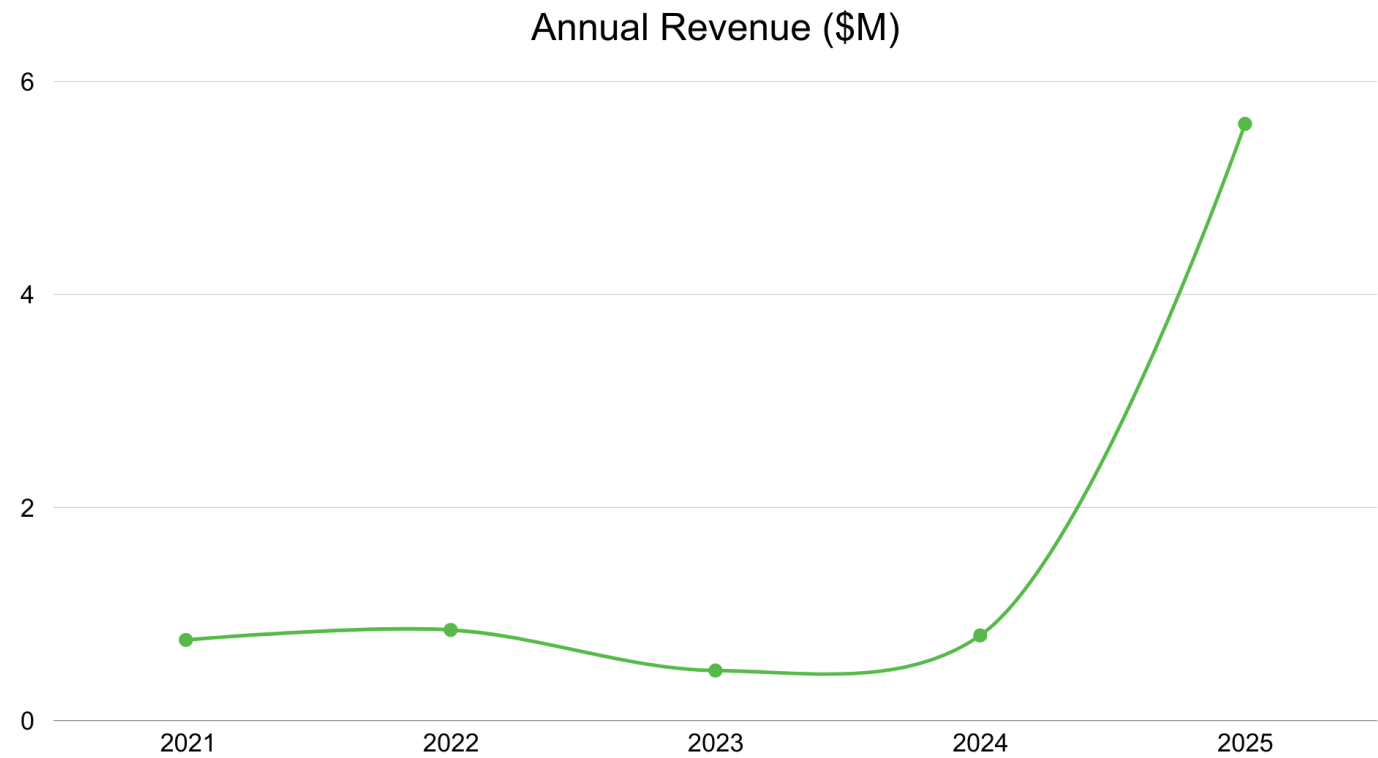
System Integrators & VARs

- Strategic ecosystem partner: Avery Dennison
- VAR & channel partners: AT&T, Velociti
- Global system integrators
- Sensor OEM ecosystem
- Chip & component partners
- Target: up to 50% pipeline partner-sourced



Enterprise deployments at scale - driving revenue growth and improved operational efficiency.

Estimated quarterly revenue breakeven: ~\$5M–\$7.5M



FY 2025 (Audited): \$5.6M revenue (+633% YoY) • 36% gross margin • Net loss improved 48% YoY

Q2 & YTD 2026 Highlights (through June 30, 2026)

- \$3.1M Q2 2026 revenue, marking 6th consecutive quarter of growth
- \$10M+ revenue for trailing 12 months
- Two active Fortune 10 commercial deployments, expanding both nationally and internationally
- Expanding proof-of-concept pipeline across QSR, manufacturing, grocery, cold chain, and government sectors
- Strengthened Amazon Web Services ecosystem: 50+ posted deal launches, with active co-selling and direct-sales pipeline into parent business units

Q2 2026 YTD

\$6.2M Revenue, up **368%** YOY

\$1.2M Gross Profit, up **176%** YOY

\$31.2M Cash

Net loss **improved 26%** YOY

Operational Efficiency

Financial Trajectory

Revenue

FY 2024: \$0.8M

FY 2025: \$5.6M

Q2 2026 YTD: \$6.2M

Target: Product sales + recurring revenue from end-to-end solution

Gross Profit Expansion

Q2 2024 YTD: \$(0.1)M

Q2 2025 YTD: \$0.4M

Q2 2026 YTD: \$1.2M

Target Gross Margin: 40%+ (at scale)

Net Loss Reduction

- 2025: \$(9.6)M; Lowest annual net loss since 2013
- Q2 2026 YTD: \$(4.6)M; 26% improvement vs Q2 2025 YTD

Balance Sheet Strength

- Cash: \$31.2M (June 30, 2026)
- Commercial Loans: \$0 (fully retired)
- Runway: 12+ months

Deployment Scale Metrics

4,000+

Active Locations

56,000+

PowerBridge PRO Units Shipped

2

Ongoing Fortune 10 Deployments

Zero

Product Returns

Real Deployments, Real Impact

How customers use Energous today—proven results across retail, cold chain, and logistics

Fortune 10 Retailer

Use Case:
Inventory Visibility

Challenge: 85% inventory accuracy. Missed items in transit.

Energous Solution: 4,000+ locations deployed. Continuous tracking.

Results:

- Up to 99% inventory accuracy
- Operational efficiency improvements
- Expanding to ~4,700 U.S. locations

Cold Chain

Use Case:
Cold Chain Compliance

Challenge: Battery sensors not capable of providing real-time visibility

Energous Solution: 1 QSR and 3 National Grocers. Continuous monitoring for environmental conditions & perishable food tracking. Energous PowerBridge PRO is the only solution operating at -30°C, enabling cold chain operation.

Results:

- Prevented spoilage losses
- Data for FDA/USDA/FSMA compliance
- Expanding to multiple sites

Fortune 10 E-commerce Company

Use Case:
Inventory Visibility

Challenge: Lost assets, asset diversion

Energous Solution: End-to-end warehouse-to-customer real-time tracking.

Results:

- Up to 99% asset visibility
- Zero battery maintenance
- 6,300+ PowerBridge PROs shipped to U.S. sites
- 21+ international installations completed with 35+ facilities targeted for 2026

Why Now? Five Converging Tailwinds

Market infrastructure, regulatory momentum, and AI demand converge at this inflection point

1. Strategic Pivot Complete

Evolved from an OEM-dependent consumer product model to enterprise solutions with a fully integrated end-to-end Ambient IoT platform (power + sensors + cloud).

2. Regulatory Push Accelerating

UK/EU/FCC 2W/8W EIRP approval (only company). EU 2023/1542 Battery Regulation mandates sustainable alternatives. Multi-year regulatory lead over competitors.

3. AI = Ambient IoT Synergy

AI-driven enterprises require continuous data; ambient IoT enables it. Real-time sensors enable predictive logistics, inventory automation, cold chain optimization.

4. Qualified AWS Partner

AWS ISV Accelerate qualification, Marketplace presence, and APN listing expand enterprise access and accelerate go-to-market execution. With 50+ posted deal launches and active co-selling, AWS is becoming a meaningful source of pipeline and commercial opportunities.

5. Balance Sheet Strength

Financially well-positioned to scale with strengthened capital structure.

Clear Path to Scale

Deployments expanding, ecosystem accelerating, profitability approaching

1 Current Deployments Expand

- Fortune 10 Customers: First phase deployments underway
- 1 QSR + 3 National grocers: Potential deployments to 14,000+ locations
- Active PoCs converting to full deployment

2 AWS Partnership Scales

- ISV Accelerate qualification expands enterprise access
- AWS channel generating pipeline and commercial opportunities
- 50+ deal launches and active co-sell/direct sales pipeline

3 Partner Ecosystem Expands

- Increased number of system integrators for large deployments
- Increased partner-sourced pipeline and deal flow

4 Demonstrating Operational Efficiency

- Six consecutive quarters of revenue growth through Q2 2026 YTD
- U.S.-based manufacturing launched in Q1 2026
- Path to profitability & free cash flow

Growing deployments, expanding commercial channels, and improving operational efficiency position Energous for greater scale and operating leverage.

Energous Q2 2026 YTD: Commercial Momentum at Scale



Revenue

\$6.2M

368% increase from
Q2 2025 YTD



Gross Profit

\$1.2M

176% improvement from
Q2 2025 YTD



GAAP Net Loss

\$(4.6)M

26% improvement from
Q2 2025 YTD



Cash Position

\$31.2M

As of June 30, 2026

Commercial Scale-Up



2

Fortune 10
deployments



4,000+

Active
locations



21+

International
installations
complete



56,000+

PowerBridges
shipped



50+

Deals through AWS
partner pipeline as
of August 12, 2026

Operational Efficiency vs Q2 2025 YTD



Revenue

\$6.2M vs \$1.3M

+368%



Gross Profit

\$1.2M vs \$0.4M

+176%



GAAP Net
Loss

\$(4.6)M vs \$(6.2)M

+26%



Revenue
Growth Streak

Revenue up from Q1 2026

**6th consecutive
quarter of growth**

Commercial & Ecosystem Highlights



Active PoC pipeline across
QSR, grocery, manufacturing,
and government



First FCC certified
end-to-end Ambient
IoT solution at
enterprise scale



Added U.S.-based manufacturing
capacity in Q1 2026, strengthening
supply chain resilience

Quality & Liquidity



Zero product returns since start
of commercial production in 2024



No planned use of the ATM in
the next 12 months



Zero commercial debt



Thank You

Energous Corporation

Investor Relations

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NASDAQ: WATT